

**POWER OF ATTORNEY; STATEMENT UNDER 37 C.F.R. § 3.73**

Transpacific IP Ltd. ("Assignee"), a Taiwan limited liability company having a place of business at Room 1402, 14F, No.205, Dunhua N. Rd., Taipei City 10595, Taiwan, R.O.C., states that it is the assignee of the entire right, title, and interest in and to the patent applications and/or patents identified in the Appendix ("the Patent Properties"). With respect to each of the Patent Properties, Assignee has specified in the attached Appendix where documentary evidence of a chain of title from the original owner to the Assignee is recorded in the assignment records of the USPTO.

With respect to the Patent Properties, any patents or applications that claim direct or indirect priority to any of the Patent Properties (including, without limitation, continuation applications, divisional applications, continuation-in-part applications, and any original utility applications claiming priority to any provisional applications within the Patent Properties), and any reexaminations, reissues, or other extensions of the Patent Properties, Assignee, pursuant to 37 C.F.R. §§ 1.36 and 3.71, hereby:

revokes all powers of attorney previously given; and

appoints the practitioners associated with the **Customer Number 35690** to act on Assignee's behalf before the United States Patent and Trademark Office.

This appointment is effective only so long as these practitioners remain with the firm associated with the Customer Number listed above.


Pursuant to 37 C.F.R. § 3.71, Assignee hereby states that prosecution of the Patent Properties is to be conducted to the exclusion of the inventor(s).

The undersigned is a representative authorized to act on behalf of Assignee.

Assignee

Transpacific IP Ltd.  
Room 1402, 14F, No.205, Dunhua N. Rd.,  
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Dated: 7/4/2008

By: 

Name: Rebecca Tu  
Title: Authorized Person

## APPENDIX

### Patents

4818715	MAKING LDDFET WITH SELF-ALIGNED SILICIDE	4/4/1989	Assignment: 1 Reel/Frame: 004766/0759 Assignor: Chao, Fung-Ching Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
4957836	ELECTROPHOTORECEPTOR USING HYDRAZONE AS THE CHARGE TRANSPORT MATERIAL	9/18/1990	Assignment: 1 Reel/Frame: 005085/0017 Assignor: Chen, Tai J. Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5132241	METHOD OF MANUFACTURING MINIMUM COUNTERDOPING IN TWIN WELL PROCESS	7/21/1992	Assignment: 1 Reel/Frame: 005680/0135 Assignor: Su, Wen-Doe Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5156993	FABRICATING A MEMORY CELL WITH AN IMPROVED CAPACITOR	10/20/1992	Assignment: 1 Reel/Frame: 005410/0636 Assignor: Su, Wen-Doe Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5220688	FREQUENCY TRANSLATING CIRCUIT WITH MULTIPLE STAGES USING COMMON LOCAL OSCILLATOR	6/15/1993	Assignment 1: Reel/Frame: 005778/0460 Assignor: Tao, Kuang-Chung Assignee: Industrial Technology Research Institute Assignment 2: Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5236799	ELECTROPHOTOGRAPHIC TONER COMPOSITION	8/17/1993	Assignment: 1 Reel/Frame: 005937/0743 Assignors: Chen, Fu-Lung; Tong, Hun-Yi; Niu, Chao-Wen Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5237537	FAST COMPARE CIRCUIT PARTICULARLY FOR MEMORY WITH REDUNDANT ADDRESSING COMPONENTS	8/17/1993	Assignment: 1 Reel/Frame: 005735/0992 Assignor: Mao, Robert S. Assignee: Etron Technology Inc. Assignment: 2 Reel/Frame: 006633/0495 Assignor: Lu, Nicky, President, Etron Technology, Inc. Assignee: Industrial Technology Research Institute Assignment: 3 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5254012	ZERO INSERTION FORCE SOCKET	10/19/1993	Assignment: 1 Reel/Frame: 006265/0708 Assignor: Wang, Hsing-Sheng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5265857	AUTOMATIC DOCUMENT FEEDER WITH MECHANICAL CLUTCH MECHANISM	11/30/1993	Assignment: 1 Reel/Frame: 006405/0486 Assignor: Chiang, Ming-Tong Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5270139	PHOTOCONDUCTOR COMPRISING BISAZO AND SQUARYLIUM PIGMENTS AS THE CHARGE GENERATION MATERIAL	12/14/1993	Assignment: 1 Reel/Frame: 006178/0954 Assignors: Yeng, Feng-Wen; Liu, Jia-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5286677	METHOD FOR ETCHING IMPROVED CONTACT OPENINGS TO PERIPHERAL CIRCUIT REGIONS OF A DRAM INTEGRATED CIRCUIT	2/15/1994	Assignment: 1 Reel/Frame: 006549/0053 Assignor: Wu, Kuo-Chang Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5300791	LIGHT EMITTING DIODE	4/5/1994	Assignment: 1 Reel/Frame: 006254/0266 Assignors: Chen, Tzer-Perng; Chen, Chin-Yuan; Deng, Jyi-Ren; Jou, Ming-Jiunn; Lee, Bing-Jye; Kao, Jenn-Yu Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5345562	DATA BUS ARBITRATION FOR SPLIT TRANSACTION COMPUTER BUS	9/6/1994	Assignment: 1 Reel/Frame: 006068/0257 Assignor: Chen, Chang-Lun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5364813	STACKED DRAM POLY PLATE CAPACITOR	11/15/1994	Assignment: 1 Reel/Frame: 006681/0487 Assignor: Koh, Chao-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5381438	LASER DIODE UNIT INCLUDING AN ADJUSTING MEMBER PROVIDED WITH A THROUGH HOLE	1/10/1995	Assignment: 1 Reel/Frame: 006684/0029 Assignors: Guo, Shi-Pung; Chung, Chuan-Yuan Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5397732	PBLOCOS WITH SANDWICHED THIN SILICON NITRIDE LAYER	3/14/1995	Assignment: 1 Reel/Frame: 006641/0988 Assignor: Chen, C. Z. Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5432430	PHASE SHIFTING CIRCUIT AND METHOD FOR GENERATING SEVERAL OUTPUT SIGNALS OF DIFFERENT PHASES	7/11/1995	Assignment: 1 Reel/Frame: 006798/0727 Assignor: Tao, Kuang-Chung Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5453343	HYDRAZONE COMPOUNDS AS CHARGE TRANSPORT MATERIAL IN PHOTORECEPTORS	9/26/1995	Assignment: 1 Reel/Frame: 006438/0193 Assignors: Liu, Jia-Ming; Shen, Shih-Yiing; Teng, Kuei-Fei Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5497016	STACKED DRAM POLY PLATE CAPACITOR	3/5/1996	Assignment: 1 Reel/Frame: 006681/0487 Assignor: Koh, Chao-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5572394	CMOS ON-CHIP FOUR-LVTSCR ESD PROTECTION SCHEME	11/5/1996	Assignment: 1 Reel/Frame: 007546/0456 Assignors: Ker, Ming-Dou; Wu, Tain-Shun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5637900	LATCHUP-FREE FULLY-PROTECTED CMOS ON-CHIP ESD PROTECTION CIRCUIT	6/10/1997	Assignment: 1 Reel/Frame: 007546/0421 Assignors: Ker, Ming-Dou; Wu, Tain-Shun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5647005	PITCH AND RATE MODIFICATIONS OF AUDIO SIGNALS UTILIZING DIFFERENTIAL MEAN ABSOLUTE ERROR	7/8/1997	Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5668780	BABY CRY RECOGNIZER	9/16/1997	Assignment: 1 Reel/Frame: 006455/0992 Assignor: Hsieh, Chau-Kai Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5672547	METHOD FOR BONDING A HEAT SINK TO A DIE PADDLE	9/30/1997	Assignment: 1 Reel/Frame: 007849/0159 Assignors: Jeng, Jian Dih; Wang, Hsing Seng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5694066	LOW-JITTER, NON-SLIP CLOCK GENERATOR	12/2/1997	Assignment: 1 Reel/Frame: 007800/0008 Assignor: Shyong, Yee-Lee Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5698993	CMOS LEVEL SHIFTING CIRCUIT	12/16/1997	Assignment: 1 Reel/Frame: 007973/0716 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5699361	MULTIMEDIA CHANNEL FORMULATION MECHANISM	12/16/1997	<p>Assignment: 1 Reel/Frame: 007615/0988 Assignors: Ding, Hung-Pei; Jiang, Shouu-Gwo; Pan, Feng-Min; Liou, Jihng-Ming Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p>
5708386	CMOS OUTPUT BUFFER WITH REDUCED L-DI/DT NOISE	1/13/1998	<p>Assignment: 1 Reel/Frame: 007997/0560 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p>
5737492	FUZZY LOGIC MEMBERSHIP FUNCTION GENERATING APPARATUS	4/7/1998	<p>Assignment: 1 Reel/Frame: 007619/0194 Assignor: Lu, Yao-Chou Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 007619/0203 Assignor: Deng, Hsi-Chou Assignee: Industrial Technology Research Institute</p> <p>Assignment: 3 Reel/Frame: 007619/0243 Assignor: Cheng, Hsu-Huang Assignee: Industrial Technology Research Institute</p> <p>Assignment: 4 Reel/Frame: 007619/0201 Assignor: Shyu, Jyuo-Min Assignee: Industrial Technology Research Institute</p> <p>Assignment: 5 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p>
5741431	LASER ASSISTED CRYOETCHING	4/21/1998	<p>Assignment: 1 Reel/Frame: 008565/0347 Assignor: Shih, Ming-Chang Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p>

5742443	METHOD AND APPARATUS FOR DATA PLACEMENT OF CONTINUOUS MEDIA TO UTILIZE BANDWIDTH EFFICIENCY	4/21/1998	Assignment: 1 Reel/Frame: 008021/0515 Assignors: Tsao, Shiao-Li; Huang, Yueh-Min; Lee, Eric; Liang, Yih-Woei Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5754380	CMOS OUTPUT BUFFER WITH ENHANCED HIGH ESD PROTECTION CAPABILITY	5/19/1998	Assignment: 1 Reel/Frame: 007546/0419 Assignors: Ker, Ming-Doo; Wu, Tain-Shun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5757242	LOW POWER CONSUMPTION OSCILLATORS WITH OUTPUT LEVEL SHIFTERS	5/26/1998	Assignment: 1 Reel/Frame: 008425/0405 Assignors: Chow, Hwang-Cheng; Wu, Tain-Shun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5761200	INTELLIGENT DISTRIBUTED DATA TRANSFER SYSTEM	6/2/1998	Assignment: 1 Reel/Frame: 006765/0490 Assignor: Hsieh, Hsung-Chang Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5764851	FAST SPEECH RECOGNITION METHOD FOR MANDARIN WORDS	6/9/1998	Assignment: 1 Reel/Frame: 008128/0753 Assignor: Pengwu, Chung-Mou Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5774002	FREQUENCY DOUBLER FOR AN OPTICAL TRANSCEIVER CLOCK RECOVERY CIRCUIT	6/30/1998	Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.



5781026	CMOS LEVEL SHIFTER WITH STEADY-STATE AND TRANSIENT DRIVERS	7/14/1998	Assignment: 1 Reel/Frame: 007998/0465 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5783860	HEAT SINK BONDED TO A DIE PADDLE HAVING AT LEAST ONE APERTURE	7/21/1998	Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5793077	DRAM TRENCH CAPACITOR WITH RECESSED PILLAR	8/11/1998	Assignment: 1 Reel/Frame: 019106/0857 Assignor: Tseng, Horng-Huei Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5794191	ARTIFICIAL NEURAL NETWORK BASED SPEECH RECOGNITION METHOD UTILIZING SPECTRUM-DEPENDENT AND TIME-DEPENDENT COEFFICIENTS	8/11/1998	Assignment: 1 Reel/Frame: 008210/0573 Assignor: Chen, Wen-Yuen Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5808492	CMOS BIDIRECTIONAL BUFFER WITHOUT ENABLE CONTROL SIGNAL	9/15/1998	Assignment 1: Reel/Frame: 007995/0674 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment 2: Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5815006	SINGLE TRANSITION PER EVALUATION PHASE LATCH CIRCUIT FOR PIPELINED TRUE-SINGLE-PHASE SYNCHRONOUS LOGIC CIRCUIT	9/29/1998	Assignment 1: Reel/Frame: 008057/0165 Assignor: Huang, Hong-Yi Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5825054	PLASTIC-MOLDED APPARATUS OF A SEMICONDUCTOR LASER	10/20/1998	Assignment: 1 Reel/Frame: 007845/0705 Assignors: Lee, Biing-Jye; Chen, Horng-Nign; Hsu, Jung-Tsung Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5831555	KEYBOARD ENCODING SYSTEM ACTUATED BY OPENING AND CLOSING OF KEYBOARD COVER	11/3/1998	Assignment: 1 Reel/Frame: 008460/0468 Assignors: Yu, Der-Jang; Lin, Wen-Chi; Wang, Yi-Kai; Huang, Chun-Pin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5832442	HIGH-EFFICIENCY ALGORITHMS USING MINIMUM MEAN ABSOLUTE ERROR SPLICING FOR PITCH AND RATE MODIFICATION OF AUDIO SIGNALS	11/3/1998	Assignment: 1 Reel/Frame: 007571/0481 Assignors: Lin, Gang-Janp; Kao, Yuan-An; Chen, Sau-Gee; Wang, Yen-Hui; Wu, Der-Chwan Assignee: Electronics Research & Service Organization Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5840605	DUAL LAYER POLYSILICON CAPACITOR NODE DRAM PROCESS	11/24/1998	Assignment: 1 Reel/Frame: 006533/0107 Assignor: Tuan, Hsiao-Chin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5841298	LOCALLY ASYNCHRONOUS PIPELINEABLE LOGIC CIRCUITS FOR TRUE-SINGLE-PHASE SYNCHRONOUS LOGIC CIRCUIT	11/24/1998	Assignment: 1 Reel/Frame: 008078/0026 Assignor: Huang, Hong-Yi Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5850159	HIGH AND LOW SPEED OUTPUT BUFFER WITH CONTROLLED SLEW RATE	12/15/1998	Assignment: 1 Reel/Frame: 008556/0701 Assignors: Chow, Hwang-Cherng; Huang, Chen-Yi; Wu, Tain-Shun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5852315	N-SIDED POLYGONAL CELL LAYOUT FOR MULTIPLE CELL TRANSISTOR	12/22/1998	Assignment: 1 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5852708	SIMPLIFIED ARCHITECTURE FOR DEFUZZIFICATION INTEGRATED CIRCUIT (IC) PROCESSOR INCLUDING CIRCUITS FOR ESTIMATING EFFECTIVE AREAS WITHOUT OVERLAPPING ERRORS	12/22/1998	Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5854560	CMOS OUTPUT BUFFER HAVING A HIGH CURRENT DRIVING CAPABILITY WITH LOW NOISE	12/29/1998	Assignment: 1 Reel/Frame: 008374/0495 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5900919	EFFICIENT SHOT CHANGE DETECTION ON COMPRESSED VIDEO DATA	5/4/1999	Assignment: 1 Reel/Frame: 008437/0364 Assignors: Chen, Shu-Chin Su; Ni, Cheng-Yao; Kuo, Tony C.T.; Lin, Y. B.; Chen, Arbee L.P. Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5901022	CHARGED DEVICE MODE ESD PROTECTION CIRCUIT	5/4/1999	Assignment: 1 Reel/Frame: 008600/0829 Assignor: Ker, Ming-Dou Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5905373	SERIAL-MODULIZED HIGH VOLTAGE TRANSFORMER	5/18/1999	Assignment: 1 Reel/Frame: 008928/0474 Assignors: Pan, Tsung-Ming; Lin, Jang-Tzeng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5917348	CMOS BIDIRECTIONAL BUFFER FOR MIXED VOLTAGE APPLICATIONS	6/29/1999	Assignment: 1 Reel/Frame: 008802/0986 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5929887	LOW COST FIELD EMISSION BASED PRINT HEAD	7/27/1999	Assignment: 1 Reel/Frame: 008053/0101 Assignor: Huang, Jammy Chin-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5941948	ADMISSION CONTROLLER FOR NETWORK ACCESS	8/24/1999	Assignment: 1 Reel/Frame: 008885/0572 Assignors: Chang, An-Bang; Lee, Tsern-Huei; Lee, Jinshuan Eric; Hsieh, Kuen-Rong; Liang, Yih-Woei Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5945774	OPEN PACKAGE FOR CRYSTAL OSCILLATOR CHIPS	8/31/1999	Assignment: 1 Reel/Frame: 008507/0177 Assignors: Shih, Ming-Chang; Chen, Kuo-Chuan Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

5969473	TWO-PART FIELD EMISSION STRUCTURE	10/19/1999	Assignment: 1 Reel/Frame: 007451/0827 Assignors: Huang, Jammy Chin-Ming; Liu, David Nan-Chou Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
5999392	RESET CIRCUIT WITH TRANSIENT DETECTION FUNCTION	12/7/1999	Assignment: 1 Reel/Frame: 009287/0917 Assignors: Sung, Yu-Yu; Ker, Ming-Dou Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6002599	VOLTAGE REGULATION CIRCUIT WITH ADAPTIVE SWING CLOCK SCHEME	12/14/1999	Assignment: 1 Reel/Frame: 009132/0249 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6008072	TAPE AUTOMATED BONDING METHOD	12/28/1999	Assignment: 1 Reel/Frame: 007820/0904 Assignor: Tang, Pao-Kun Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6008684	CMOS OUTPUT BUFFER WITH CMOS-CONTROLLED LATERAL SCR DEVICES	12/28/1999	Assignment: 1 Reel/Frame: 008242/0853 Assignors: Ker, Ming-Dou; Chang, Hun- Hsien Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

6025209	DEEP GROOVE STRUCTURE FOR SEMICONDUCTORS	2/15/2000	Assignment: 1 Reel/Frame: 008750/0380 Assignors: Wu, Dong-Sing; Jaw, Ten-Hsing Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6048794	SELECTIVE W CVD PLUG PROCESS WITH A RTA SELF-ALIGNED W-SILICIDE BARRIER LAYER	4/11/2000	Assignment: 1 Reel/Frame: 008787/0039 Assignors: Chen, Hsueh-Chung; Lou, Chine-Gie Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6058090	LOADING MECHANISM FOR DISK RECORDING AND/OR REPRODUCING DEVICE	5/2/2000	Assignment: 1 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6060906	BIDIRECTIONAL BUFFER WITH ACTIVE PULL-UP/LATCH CIRCUIT FOR MIXED-VOLTAGE APPLICATIONS	5/9/2000	Assignment: 1 Reel/Frame: 009141/0464 Assignors: Chow, Hwang-Cherng; Chien, Cheng-Hsing Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6060922	DUTY CYCLE CONTROL BUFFER CIRCUIT WITH SELECTIVE FREQUENCY DIVIDING FUNCTION	5/9/2000	Assignment: 1 Reel/Frame: 009001/0551 Assignors: Chow, Hwang-Cherng; Shuai, Chi-Chang; Chu, Yuan-Hua Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6066974	HIGH POWER TRANSISTOR SWITCH WITH LOW TRANSMISSION LOSS	5/23/2000	Assignment: 1 Reel/Frame: 009696/0436 Assignors: Lin, Chao-Hui; Lee, Chien-Kuang Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

6094086	HIGH DRIVE CMOS OUTPUT BUFFER WITH FAST AND SLOW SPEED CONTROLS	7/25/2000	Assignment: 1 Reel/Frame: 008747/0897 Assignor: Chow, Hwang-Cherng Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6157949	DATA PLACEMENT ON DIRECT ACCESS DEVICES FOR MEDIA SERVERS WITH CYCLIC RE-BROADCAST CAPABILITY	12/5/2000	Assignment: 1 Reel/Frame: 009542/0465 Assignors: Cheng, Chui Chu; Chuo, Chin Cheng; Lee, Jinshuan Eric; Tsao, Chien-Ming; Liang, Yih-Woei; Chiou, Chih-Yu Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6335698	PROGRAMMABLE ANALOG-TO-DIGITAL CONVERTER WITH PROGRAMMABLE NON-VOLATILE MEMORY CELLS	1/1/2002	Assignment: 1 Reel/Frame: 010323/0458 Assignors: Ker, Ming-Dou; Jiang, Hsin-Chin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 017527/0877 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6444295	METHOD FOR IMPROVING INTEGRATED CIRCUITS BONDING FIRMNESS	9/3/2002	Assignment: 1 Reel/Frame: 009691/0641 Assignors: Peng, Jeng-Jie; Ker, Ming-Dou; Wang, Nien-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6465283	STRUCTURE AND FABRICATION METHOD USING LATCH-UP IMPLANTATION FOR IMPROVING LATCH-UP IMMUNITY IN CMOS FABRICATION PROCESS	10/15/2002	Assignment: 1 Reel/Frame: 011090/0169 Assignors: Chang, Chyh-Yih; Ker, Ming-Dou; Jiang, Hsin-Chin; Peng, Jeng-Jie Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

6576974	BIPOLAR JUNCTION TRANSISTORS FOR ON-CHIP ELECTROSTATIC DISCHARGE PROTECTION AND METHODS THEREOF	6/10/2003	Assignment: 1 Reel/Frame: 012687/0059 Assignors: Chang, Chyh-Yih; Ker, Ming-Dou; Juang, Hsin-Chin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6599578	METHOD FOR IMPROVING INTEGRATED CIRCUITS BONDING FIRMNESS	7/29/2003	Assignment: 1 Reel/Frame: 009691/0641 Assignors: Peng, Jeng-Jie; Ker, Ming-Dou; Wang, Nien-Ming Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6643428	OPTICAL FIBER COLLIMATOR AND METHOD FOR FABRICATING THE SAME	11/4/2003	Assignment: 1 Reel/Frame: 013075/0993 Assignor: Chang, Sean Assignee: Delta Electronics, Inc. Assignment: 2 Reel/Frame: 019063/0754 Assignor: Delta Electronics, Inc. Assignee: Transpacific IP LTD.
6658597	METHOD AND APPARATUS FOR AUTOMATIC RECOVERY OF MICROPROCESSORS/MICROCONTROLLERS DURING ELECTROMAGNETIC COMPATIBILITY (EMC) TESTING	12/2/2003	Assignment: 1 Reel/Frame: 013937/0616 Assignors: Ker, Ming-Dou; Sung, Yu-Yu Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6674586	SPEED VARIATION MECHANISM	1/6/2004	Assignment: 1 Reel/Frame: 013090/0696 Assignors: Chang, Sean; Chang, Shih-Shiun Assignee: Delta Electronics, Inc. Assignment: 2 Reel/Frame: 019063/0754 Assignor: Delta Electronics, Inc. Assignee: Transpacific IP LTD.
6700706	FABRY-PEROT OPTICAL FILTER DEVICE	3/2/2004	Assignment: 1 Reel/Frame: 013182/0561 Assignors: Chang, Sean; Chang, Shih-Chien Assignee: Delta Electronics, Inc. Assignment: 2 Reel/Frame: 019063/0754 Assignor: Delta Electronics, Inc. Assignee: Transpacific IP LTD.



6750515	SCR DEVICES IN SILICON-ON-INSULATOR CMOS PROCESS FOR ON-CHIP ESD PROTECTION	6/15/2004	Assignment: 1 Reel/Frame: 012561/0595 Assignors: Ker, Ming-Dou; Hung, Kei-Kang; Chang, Chyh-Yih Assignee: Industrial Technology Research Institute Bldg. 51, 195-11 Sec. 4, Chung Hsing Road Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6815775	ESD PROTECTION DESIGN WITH TURN-ON RESTRAINING METHOD AND STRUCTURES	11/9/2004	Assignment: 1 Reel/Frame: 011842/0955 Assignors: Ker, Ming-Dou; Peng, Jeng-Jie; Jiang, Hsin-Chin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6838707	BI-DIRECTIONAL SILICON CONTROLLED RECTIFIER FOR ELECTROSTATIC DISCHARGE PROTECTION	1/4/2005	Assignment: 1 Reel/Frame: 012867/0664 Assignor: Chang, Chyh-Yih Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6882009	ELECTROSTATIC DISCHARGE PROTECTION DEVICE AND METHOD OF MANUFACTURING THE SAME	4/19/2005	Assignment: 1 Reel/Frame: 013237/0408 Assignors: Ker, Ming-Dou; Tseng, Tang-Kui; Jiang, Hsin-Chin; Chang, Chyh-Yih; Peng, Jeng-Jie Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.
6964883	BI-DIRECTIONAL SILICON CONTROLLED RECTIFIER FOR ELECTROSTATIC DISCHARGE PROTECTION	11/15/2005	Assignment: 1 Reel/Frame: 019107/0467 Assignor: Chang, Chyh-Yih Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.

7205641	POLYDIODE STRUCTURE FOR PHOTO DIODE	4/17/2007	<p>Assignment: 1  Reel/Frame: 016119/0276  Assignors: Shiu, Yu-Da; Chang, Chyh-Yih; Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
7244992	TURN-ON-EFFICIENT BIPOLAR STRUCTURES WITH DEEP N-WELL FOR ON-CHIP ESD PROTECTION	7/17/2007	<p>Assignment: 1  Reel/Frame: 014768/0275  Assignors: Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>

7253999	ON-CHIP LATCH-UP PROTECTION CIRCUIT	8/7/2007	<p>Assignment: 1  Reel/Frame: 014124/0381  Assignors: Ker, Ming-Dou; Peng, Jeng-Jie; Jiang, Hsin-Chin  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.  14fl., No. 205, Dunhua N. Road</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
7304827	ESD PROTECTION CIRCUITS FOR MIXED-VOLTAGE BUFFERS	12/4/2007	<p>Assignment: 1  Reel/Frame: 014041/0494  Assignors: Chen, Zi-Ping; Ker, Ming-Dao; Jiang, Hsin-Chin  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>

# Applications

11/538004	POLYDIODE STRUCTURE FOR PHOTO DIODE	10/2/2006	<p>Assignment: 1  Reel/Frame: 018772/0801  Assignors: Shiu, Yu-Da; Chang, Chyh-Yih; Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018772/0987  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p>
11/598154	ESD PROTECTION DESIGN WITH TURN-ON RESTRAINING METHOD AND STRUCTURES	11/9/2006	<p>Assignment: 1  Reel/Frame: 011842/0955  Assignors: Ker, Ming-Dou, Peng; Jeng-Jie, Jiang; Hsin-Chin  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018498/0272  Assignors: Industrial Technology Research Institute  Assignee: Transpacific IP LTD</p>
11/180714	SUBSTRATE-TRIGGERED BIPOLAR JUNCTION TRANSISTOR AND ESD PROTECTION CIRCUIT	7/14/2005	<p>Assignment: 1  Reel/Frame: 019661/0385  Assignors: Ker, Ming-Dou; Chang, Chyh-Yih  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019661/0447  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 5  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>

10/309225	SUBSTRATE-TRIGGERED BIPOLAR JUNCTION TRANSISTOR AND ESD PROJECTION CIRCUIT	12/4/02	Assignment: 1 Reel/Frame: 013551/0344 Assignors: Ker, Ming-Dou; Chang, Chyh-Yih Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018532/0085 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD. Assignment: 3 Reel/Frame: 018721/0332 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD. Assignment: 4 Reel/Frame: 019719/0099 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD.
11/649749	BI-DIRECTIONAL SILICON CONTROLLED RECTIFIER FOR ELECTROSTATIC DISCHARGE PROTECTION	1/3/2007	Assignment: 1 Reel/Frame: 012867/0664 Assignor: Chang, Chyh-Yih Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018498/0272 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD
11/618674	ON-CHIP LATCH-UP PROTECTION CIRCUIT	12/29/2006	Assignment: 1 Reel/Frame: 014124/0381 Assignor: Ker, Ming-Dou; Peng, Jeng-Jie; Jiang, Hsin-Chin Assignee: Industrial Technology Research Institute Assignment: 2 Reel/Frame: 018532/0085 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD Assignment: 3 Reel/Frame: 018721/0332 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD Assignment: 4 Reel/Frame: 019719/0099 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD

11/045300	ELECTROSTATIC DISCHARGE PROTECTION DEVICE AND METHOD OF MANUFACTURING THE SAME	1/31/2005	<p>Assignment: 1 Reel/Frame: 018910/0288 Assignors: Ker, Ming-Dou; Tseng, Tang-Kui; Jiang, Hsin-Chin; Chang, Chyh-Yih Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 018532/0085 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p> <p>Assignment: 3 Reel/Frame: 018721/0332 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4 Reel/Frame: 018910/0324 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p> <p>Assignment: 5 Reel/Frame: 019719/0099 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD.</p>
10/268756	ELECTROSTATIC DISCHARGE PROTECTION DEVICE FOR MIXED VOLTAGE INTERFACE	10/11/2002	<p>Assignment: 1 Reel/Frame: 013383/0324 Assignors: Jiang, Hsin-Chin; Hsu, Kuo-Chun Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2 Reel/Frame: 018532/0085 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP LTD.</p> <p>Assignment: 3 Reel/Frame: 018721/0332 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4 Reel/Frame: 019719/0099 Assignor: Industrial Technology Research Institute Assignee: Transpacific IP, LTD.</p>

10/307969	ELECTROSTATIC DISCHARGE PROTECTION DEVICE AND METHOD USING DEPLETION SWITCH	12/3/2002	<p>Assignment: 1  Reel/Frame: 013540/0985  Assignors: Chang, Chyh-Yih, Jiang, Hsin-Chin, Ker, Ming-Dou  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
11/137173	ELECTROSTATIC DISCHARGE PROTECTION DEVICE AND METHOD USING DEPLETION SWITCH	5/25/2005	<p>Assignment: 1  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 2  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 3  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: TRANSPACIFIC IP, LTD.</p>

11/837306	ESD PROTECTION CIRCUITS FOR MIXED-VOLTAGE BUFFERS	8/10/2007	<p>Assignment: 1  Reel/Frame: 014041/0494  Assignor: Chen, Zi-Ping; Ker, Ming-Dao; Jiang, Hsin-Chin  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
11/768785	TURN-ON-EFFICIENT BIPOLAR STRUCTURES FOR ON-CHIP ESD PROTECTION	6/26/2007	<p>Assignment: 1  Reel/Frame: 014768/0275  Assignors: Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>



11/768814	TURN-ON-EFFICIENT BIPOLAR STRUCTURES WITH DEEP N-WELL FOR ON-CHIP ESD PROTECTION	6/26/2007	<p>Assignment: 1  Reel/Frame: 014768/0275  Assignors: Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD</p>
11/618247	NOVEL POLY DIODE STRUCTURE FOR PHOTO DIODE	12/29/2006	<p>Assignment: 1  Reel/Frame: 018772/0801  Assignors: Shiu, Yu-Da; Chang, Chyh-Yih; Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018772/0987  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p>
11/618685	NOVEL POLY DIODE STRUCTURE FOR PHOTO DIODE	12/29/2006	<p>Assignment: 1  Reel/Frame: 018772/0801  Assignors: Shiu, Yu-Da; Chang, Chyh-Yih; Ker, Ming-Dou; Chuang, Che-Hao  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018772/0987  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p>

10/871348	INPUT STAGE FOR MIXED-VOLTAGE-TOLERANT BUFFER WITHOUT LEAKAGE ISSUE	6/21/2004	<p>Assignment: 1  Reel/Frame: 015500/0553  Assignors: Chuang, Che-Hao; Ker, Ming-Dou  Assignee: Industrial Technology Research Institute  Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.  Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific Ip, LTD.  Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
10/726641	ESD PROTECTION DESIGN AGAINST CHARGE-DEVICE MODEL ESD EVENTS	12/4/2003	<p>Assignment: 1  Reel/Frame: 014764/0941  Assignors: Ker, Ming-Dou; Lin, Kun-Hsien  Assignee: Industrial Technology Research Institute  Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific Ip Ltd.  Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.  Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>

11/205378	DIODE STRINGS AND ELECTROSTATIC DISCHARGE PROTECTION CIRCUITS	8/17/2005	<p>Assignment: 1  Reel/Frame: 016900/0998  Assignors: Chen, Zi-Ping; Ker, Ming-Dou  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>
11/004348	DIODE AND APPLICATIONS THEREOF	12/3/2004	<p>Assignment: 1  Reel/Frame: 016054/0331  Assignors: Chen, Zi-Ping; Ker, Ming-Dou  Assignee: Industrial Technology Research Institute</p> <p>Assignment: 2  Reel/Frame: 018532/0085  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP LTD.</p> <p>Assignment: 3  Reel/Frame: 018721/0332  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p> <p>Assignment: 4  Reel/Frame: 019719/0099  Assignor: Industrial Technology Research Institute  Assignee: Transpacific IP, LTD.</p>